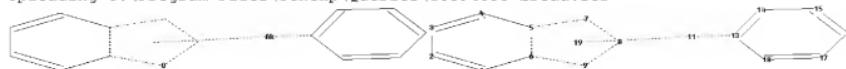


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Uploading C:\Program Files\Stnexp\Queries\10594835-broad.str



chain nodes :

11

ring nodes :

1 2 3 4 5 6 7 8 9 13 14 15 16 17 18

chain bonds :

11-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 13-14 13-18 14-15 15-16 16-17

17-18

exact/norm bonds :

5-6 5-7 6-9 7-8 8-9 11-13

normalized bonds :

1-2 1-6 2-3 3-4 4-5 13-14 13-18 14-15 15-16 16-17 17-18

isolated ring systems :

containing 1 : 13 :

Connectivity :

11:2 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 11:CLASS

13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom

L1        STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10594835-narrow.str



chain nodes :

1

ring nodes :

2 3 4 5 6 7 8 9 10

ring bonds :

2-3 2-7 3-4 4-5 5-6 6-7 6-8 7-10 8-9 9-10

exact/norm bonds :

6-7 6-8 7-10 8-9 9-10

normalized bonds :

2-3 2-7 3-4 4-5 5-6

isolated ring systems :

containing 2 :

Match level :

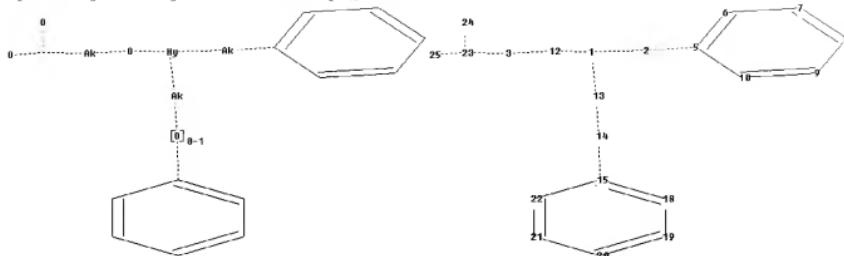
1:CLASS 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

12:Atom

L2        STRUCTURE UPLOADED

=>

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chain nodes :

1 2 3 12 13 14 23 24 25

ring nodes :

5 6 7 8 9 10 15 18 19 20 21 22

chain bonds :

1-2 1-12 1-13 2-5 3-12 3-23 13-14 14-15 23-24 23-25

ring bonds :

5-6 5-10 6-7 7-8 8-9 9-10 15-18 15-22 18-19 19-20 20-21 21-22

exact/norm bonds :

1-2 1-12 1-13 2-5 3-12 3-23 13-14 14-15 23-24 23-25

normalized bonds :

5-6 5-10 6-7 7-8 8-9 9-10 15-18 15-22 18-19 19-20 20-21 21-22

isolated ring systems :

containing 5 : 15 :

Connectivity :

2:2 E exact RC ring/chain 13:2 E exact RC ring/chain

Match level :

1:Atom 2:CLASS 3:CLASS 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 12:CLASS

13:CLASS 14:CLASS 15:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:CLASS

24:CLASS 25:CLASS

L3 STRUCTURE UPLOADED

=> d his

FILE 'REGISTRY' ENTERED AT 16:11:57 ON 14 AUG 2008

L1 STRUCTURE UPLOADED

L2 STRUCTURE UPLOADED

L3 STRUCTURE UPLOADED

L5 10579 S L1 SSS FULL

L7 7912 S L2 SSS FULL SUB=L5

L8 3 S L3 SSS FULL SUB=L7

FILE 'CAPLUS' ENTERED AT 16:13:44 ON 14 AUG 2008

L9 3 S L8

FILE 'REGISTRY' ENTERED AT 16:13:53 ON 14 AUG 2008

=> d 11

L1 HAS NO ANSWERS

L1 STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> d 12

L2 HAS NO ANSWERS

L2 STR

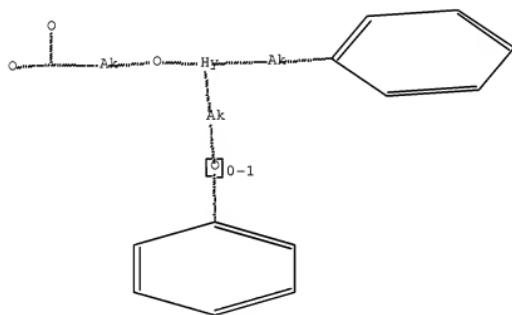


Structure attributes must be viewed using STN Express query preparation.

=> d 13

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> fil caplus

=> d 19 tot bib abs hitstr

VL9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN -instant  
AN 2005:1126585 CAPLUS Full-text  
DN 143:379854

TI Methods for detecting substances which bind to the amyloid precursor protein or  $\beta$ -amyloid fragments, and benzofuran derivative binding compounds

IN Coburn, Craig A.; Espeseth, Amy S.; Hazuda, Daria J.

PA Merck & Co., Inc., USA

SO PCT Int. Appl., 50 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005096730	A2	20051020	WO 2005-US10538	20050329
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005231364	A1	20051020	AU 2005-231364	20050329
CA 2561532	A1	20051020	CA 2005-2561532	20050329
EP 1743170	A2	20070117	EP 2005-732580	20050329
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
JP 2008052880	T	20080131	JP 2007-506477	20050329
IN 2006CN03527	A	20070706	IN 2006-CN3527	20060925
US 20070202547	A1	20070830	US 2006-594835	20060928
PRAI US 2004-558855P	P	20040402		
US 2004-588185P	P	20040715		
WO 2005-US10538	W	20050329		

✓L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

SO Journal of Biological Chemistry ✓ (2005), 280(18), 17792-17797

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1992:106078 CAPLUS Full-text

DN 116:106078

OREF 116:17955a,17958a

TI Preparation of 5-hydroxy-2,3-dihydrobenzofuran analogs as leukotriene biosynthesis inhibitors

IN Belanger, Patrice C.; Lau, Cheuk Kon; Dufresne, Claude; Rokach, Joshua; Guindon, Yvan; Schiegetz, John; Therien, Michel; Young, Robert N.; Fitzsimmons, Brian

PA Merck Frost Canada Inc., Can.

SO Eur. Pat. Appl., 101 pp.

CODEN: EPXXDW

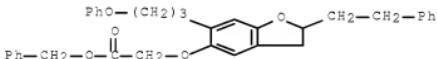
DT Patent

LA English

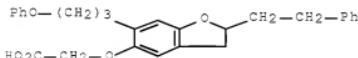
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI EP 447189 A1 19910918 EP 1991-302077 19910312  
 R: CH, DE, FR, GB, IT, LI, NL  
 US 5091533 A 19920225 US 1990-491799 19900312  
 CA 2037975 A1 19910913 CA 1991-2037975 19910311  
 CA 2037975 C 20030415  
 JP 05105675 A 19930427 JP 1991-216720 19910312  
 PRAI US 1990-491799 A 19900312  
 OS MARPAT 116:106078  
 GI For diagram(s), see printed CA Issue.  
 AB The title compd. [I; R2 = (C1-6 alkyl)pQ, (C2-6 alkenyl)pQ; A2 = group of atoms to complete (un)substituted Ph, -naphthyl, (benzo-fused) -heterocycl, etc.; R3 = H, C1-6 alkyl; R4, R6 = H, halo, C1-6 alkyl, C2-6 alkenyl, etc.; R5 = HO, a group metabolizable to HO; R7 = H, halo, C1-6 alkyl, C2-6 alkenyl; p = 0 or 1], leukotriene biosynthesis inhibitors (no data) useful for the treatment of, e.g., asthma, allergies, angina, psoriasis, etc., were prepared. Lithiation of 5-methoxybenzofuran and condensation with PhCH2CHO gave 90% 2-(1-hydroxy-2-phenylethyl)-5- methoxybenzofuran. This underwent dehydroxylation (58%) by tert-butylamine borane in the presence of AlCl3, reduction (99%) of the furan ring by CF3CO2H and Et3SiH, and ether cleavage reaction by EtSH and LiH in DMF to give 98% title compound I (R2 = CH2CH2Ph, R3 = R4 = R6 = R7 = H, R5 = HO).  
 IT 138854-32-7P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and reaction of, in preparation of leukotriene biosynthesis inhibitor)  
 RN 138854-32-7 CAPLUS  
 CN Acetic acid, [(2,3-dihydro-6-(3-phenoxypropyl)-2-(2-phenylethyl)-5-benzofuranyl]oxy-, phenylmethyl ester (9CI) (CA INDEX NAME)



IT 138853-96-0P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of, as leukotriene biosynthesis inhibitor)  
 RN 138853-96-0 CAPLUS  
 CN Acetic acid, [(2,3-dihydro-6-(3-phenoxypropyl)-2-(2-phenylethyl)-5-benzofuranyl]oxy- (9CI) (CA INDEX NAME)



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SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 16:14:18 ON 14 AUG 2008